al Application No PC170S 03/40035

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B65D33/14 F42B3/087

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

B65D F42B IPC 7 A61F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUM	ENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 299 20 079 U (STRASER UWE) 4 May 2000 (2000-05-04)	1-10, 13-18, 21-30, 33-38
Α	claim 1; figure 1	19,39
Y	JUS 5 020 711 A (KELLEY JERRY S) 4 June 1991 (1991-06-04) figure 1	1,4-10, 13-18, 21, 24-30, 33-38
X	US 3 203 551 A (LOAN JR MORTON VAN) 31 August 1965 (1965-08-31)	1,5,11, 12,21, 25,31,32
	figures 3,5,6 	

	/
Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
"L" document which may throw doubts on priority claim(s) or which is clied to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
25 June 2004	02/07/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Sundell, 0

BEST AVAILABLE COPY



nal Application No PC 17 US 03/40035

	ion) DOCUMENTS CONSIDERED TO BE RELEVANT			
ategory °	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.	
	US 6 202 260 B1 (SHEPARD WILLIAM H ET AL) 20 March 2001 (2001-03-20) cited in the application column 2, line 10 - line 12 column 12, line 3 - line 11		1-3, 21-23	
	US 3 999 483 A (GRUNDY CHARLES D) 28 December 1976 (1976-12-28) column 6, line 11 - line 15; figures 3,5		20,40	
.1				
	DECT. AVAI	ADLE (



ional	Application No
Put/US	03/40035

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
DE 29920079	U	04-05-2000	DE	29920079 U1	04-05-2000
US 5020711	Α	04-06-1991	NONE		
US 3203551	A	31-08-1965	NONE		
US 6202260	B1	20-03-2001	AU	764439 B2	21-08-2003
•			ΑU	1344800 A	29-05-2000
			CA	2348034 A1	18-05-2000
			CN	1142882 C	24-03-2004
•			DE	69903464 D1	14-11-2002
			DE	69903464 T2	26-06-2003
			EP	1304213 A1	23-04-2003
			EP	1127011 A1	29-08-2001
			ES	2186420 T3	01-05-2003
			JP	2002529169 T	10-09-2002
		•	WO	0027721 A1	18-05-2000
			US	2003031386 A1	13-02-2003
		•	US	2003228078 A1	11-12-2003
			US	6656403 B1	02-12-2003
US 3999483	Α	28-12-1976	AU	8453175 A	10-03-1977
			CA	1048872 A1	20-02-1979
			DE	2601237 A1	10-02-1977
			DK	445175 A ,B,	31-01-1977
		•	FR	2319829 A1	25-02-1977
			GB	1483560 A	24-08-1977
			GB	1483559 A	24-08-1977
			IN	144878 A1	22-07-1978
			IT	1058312 B	10-04-1982
			JP	1008562 C	31-07-1980
,			JP	52018219 A	10-02-1977
•			JP	54044126 B	24-12-1979
			MY	28378 A	31-12-1978
			MY	29478 A	31-12-1978
			NL	7510918 A ,B,	
			NO	753025 A ,B,	
			NZ	178890 A	06-03-1978
			SE	410509 B	15-10-1979
			SE	7510216 A	31-01-1977